

REMARKS

1. The Examiner has restricted the following inventions under 35 U.S.C. § 121:

Group I - Claims 11, 14, 20, 28, 34, 39, 67, and 76, drawn to methods for genetically identifying a mouse comprising an A→G mutation at position 3876 in the IGF-1R gene, classified in class 435, subclass 6.

Group II - Claims 12, 15, 21, 29, 33, 38, and 66, drawn to methods for genetically identifying a mouse comprising a G→A mutation at position 331 in the IGF-1R gene, classified in class 435, subclass 6.

Group III - Claims 13, 19, 27, 40, 68, and 77, drawn to methods for genetically identifying a mouse comprising a 12bp deletion mutation at positions 3896-3907 in the IGF-1R gene, classified in class 435, subclass 6.

Group IV - Claim 16, 24, 26, 35, 41, and 74, drawn to methods for genetically identifying a pig comprising a G→A mutation identified as SNP 1772 in the IGF-1R gene, classified in class 435, subclass 6.

Group V - Claims 17, 23, 31, 36, 42, 73, and 79, drawn to methods for genetically identifying a pig comprising a G→C mutation identified as SNP 16i73 in the IGF-1R gene, classified in class 435, subclass 6.

Group VI - Claims 18, 22, 30, 37, 43, 72, 78, drawn to methods for genetically identifying a pig comprising a G→A mutation identified as SNP 16i27 in the IGF-1R gene, classified in class 435, subclass 6.

Group VII - Claims 52-56, drawn to a method for determining the haplotype of a mouse IGF-1R gene comprising both position 331 and position 3896-3907, classified in class 435, subclass 6.

Group VIII - Claims 60-62, drawn to methods for genetically identifying a pig comprising a SNP at position 3832 in the IGF-1R gene, classified in class 435, subclass 6.

Group IX - Claim 69, drawn to methods for genetically identifying a mouse comprising an insertion of a G nucleotide in intro 16 at position 176 in the IGF-1R gene, classified in class 435, subclass 6.

Group X - Claim 80, drawn to a method for genetically identifying cattle by assaying for the presence of a polymorphism in the IGF-1R gene, classified in class 435, subclass 6.

Linking claims

2. Claims 65 and 70 link(s) inventions I, II, III, VII, and IX. Claims 64, 71, and 75 link(s) inventions IV, V, VI, and VIII. The restriction requirement among the linked inventions is subject to the nonallowance of the linking claim(s), claims 65 and 70, and claims 64, 71, and 75.

3. Claims 44 and 51 link(s) inventions I-IX. The restriction requirement among the linked inventions is subject to the nonallowance of the linking claim(s), claims 44 and 51.

4. Claims 1-10, 25-26, 45, 57-59 and 63 link(s) inventions I-X. The restriction requirement among the linked inventions is subject to the nonallowance of the linking claim(s), claims 1-10, 25-26, 45, 57-59 and 63.

Applicant provisionally elects with traverse Group VIII - Claims 60-62, and linking claims 64, 71 and 75; 44 and 51; and 1-10, 25-26, 45, 47-40 and 63, drawn to methods for genetically identifying a pig comprising a SNP at position 3832 in the IGF-1 R gene, classified in class 435, subclass 6. The inventions do not require separate searches.

No fees or extensions of time are believed to be due in connection with this amendment; however, consider this a request for any extension inadvertently omitted, and charge any additional fees to Deposit Account No. 26-0084.

Reconsideration and allowance is respectfully requested.

Respectfully submitted,



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